

STATE OF CALIFORNIA SOLID WASTE FACILITIES PERMIT

1. Facility Permit Number:

36-AA-0060

2. Name and Street Address of Facility:
**TWENTYNINE PALMS
 SOLID WASTE DISPOSAL FACILITY
 COUNTY OF SAN BERNARDINO
 SOLID WASTE MANAGEMENT DEPT
 S. END OF PINTO MOUNTAIN RD.
 SR-62 E. OF TWENTYNINE PALMS**

3. Name and Mailing Address of Operator:
**COUNTY OF SAN BERNARDINO
 SOLID WASTE MANAGEMENT DEPT
 222 E. HOSPITALITY LN, 2ND FLOOR
 SAN BERNARDINO, CA 92415-0017**

4. Name and Mailing Address of Owner:
**U S DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT (BLM)
 FEDERAL OFFICE BUILDING
 ROOM E 2841
 2800 COTTAGE WAY
 SACRAMENTO, CA 95825**

5. Specifications:

a. Permitted Operations:

- | | |
|---|---|
| <input type="checkbox"/> Composting Facility
(mixed wastes) | <input type="checkbox"/> Processing Facility |
| <input type="checkbox"/> Composting Facility
(yard waste) | <input type="checkbox"/> Transfer Station |
| <input checked="" type="checkbox"/> Landfill Disposal Site | <input type="checkbox"/> Transformation Facility |
| <input type="checkbox"/> Material Recovery Facility | <input checked="" type="checkbox"/> Liquid Septic Waste Class II Surface Impoundments
(Drying Ponds) |

b. Permitted Hours/Days of Operation: **8:00am to 4:30pm - Monday through Saturday - 309 days/year -**
Site closed New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day

c. Permitted Tons per Operating Day **(CEQA ESTIMATED AVERAGE = 80), PEAK DAILY LOADING (SOLID WASTE) = 176 Tons/Day**

Non-Hazardous - General (Solid Waste)
 Non-Hazardous - Liquid Septic Waste
 Non-Hazardous - Other
 Designated
 Hazardous

ANY WITHIN TOTAL 176 Tons/Day
PEAK DAILY LOADING (LIQUID) 6.4 Tons/Day
 (NONE) Tons/Day
 (NONE) Tons/Day
 (NONE) Tons/Day

d. Permitted Traffic Volume:

Incoming vehicles with waste materials
 Outgoing vehicles with salvaged materials

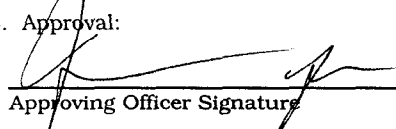
UP TO 227 Vehicles/Day
ANY WITHIN TOTAL 227 Vehicles/Day
UP TO 5 WITHIN TOTAL 227 Vehicles/Day

e. Key Design Parameters

	Total	Disposal Footprint	Transfer	MRF	Composting	Transformation
Permitted Area (in acres)	71	39	NONE	NONE	NONE	NONE
Design Capacity		4.55 MILLION CUBIC YARDS	NONE	NONE	NONE	NONE
Max. Elevation (Ft. MSL)		2165				
Max. Depth (Ft. MSL)		1968				
Estimated Closure Date		2012				

The permit is granted solely to the operator named above, and is not transferable. Upon a change of operator, the permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facilities permit.

6. Approval:


 Approving Officer Signature

PAMELLA V. BENNETT, DIRECTOR

7. Enforcement Agency Name and Address:

**DEPARTMENT OF ENVIRONMENTAL
 HEALTH SERVICES - LEA -
 COUNTY OF SAN BERNARDINO
 385 NORTH ARROWHEAD AVE.
 SAN BERNARDINO, CA 92415-0160**

8. Received by CIWMB:

March 29, 1995

9. CIWMB Concurrence Date:

April 25, 1995

10. Permit Review Due Date:

May 12, 2000

11. Permit Issued Date:

May 12, 1995

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12. Legal Description of Facility:

PORTION OF NORTHWEST 1/4 SECTION 5, TOWNSHIP 1 SOUTH, RANGE 10 EAST, SAN BERNARDINO BASELINE & MERIDIAN

13. Findings:

- a. Changes in Site Identification & Description were not identified in the 1986 (latest) County Solid Waste Management Plan. A Countywide Integrated Waste Management Plan has not been approved by the CIWMB. The LEA certifies, pursuant to Public Resources Code (PRC) § 50000 that the SBCo Board of Supervisors and a majority of the SBCo Cities / Towns with a majority of the population of the incorporated area of the County have approved the Site Identification & Description.
- b. This permit is consistent with standards adopted by the CIWMB pursuant to PRC § 44010 and all applicable Resource Conservation and Recovery Act (RCRA) Subtitle D requirements.
- c. The design and operation of the facility (with proposed changes) is in compliance with State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA.
- d. The local fire protection district, the San Bernardino County Forestry and Fire Warden Department, has (pursuant to PRC §44151 re: PRC §4371 et seq.) determined that the facility is in conformance with applicable fire standards.
- e. A Notice of Determination on proposed changes at the facility was filed January 29, 1993 with the State Office of Planning and Research pursuant to PRC § 21081.6
- f. The authorized agent of the local governing body, the San Bernardino County Planning Department has [pursuant to PRC § 50000.5(a)] determined that proposed changes are consistent with and designated in the applicable general plan.
- g. The authorized agent of the local governing body, the San Bernardino County Planning Department has [pursuant to PRC § 50000.5(b)] found surrounding land use compatible with proposed changes at the facility.

14. Prohibitions: The permittee is prohibited from accepting any non-hazardous waste requiring special handling, designated waste, or hazardous waste unless such waste is specifically listed below, and unless the acceptance of such waste is authorized by all applicable permits:

1. Liquid septic waste for drying in the designated Class II surface impoundments (drying ponds).
2. Temporary storage of hazardous waste (detected in the hazardous waste screening/ exclusion program) in the designated hazardous waste temporary storage shed. (end of list)

The permittee is additionally prohibited from: accepting friable or non-friable asbestos, sewage or septage sludge (except that from on-site septage ponds), burying whole tires (pursuant to PRC §42801 et seq.) or any metallic discard (pursuant to PRC §42161 et seq.), and from allowing any open burning or scavenging. .

15. The following documents also describe and/or restrict the operation of this facility:

[X] Periodic Site Review	06/10/91	[X] BLM/ County Land Purchase/ Patient MOU (to define responsibilities, procedures, etc.)	03/09/95
[X] Report of Facility Information	05/93		
[X] Amendments to RFI	03/21/95	[X] 23 CCR Chapter 15 Detection Monitoring Program - (for CRWQCB-Colorado River Basin)	08/94
[X] Waste Discharge Requirements (WDR No. 90-020)	03/14/90	[X] Consistency (General Plan)/ Compatibility (Land Use) Findings	07/13/93
[X] WDR Subtitle D "Blanket" Amendment 93-071	09/15/93	[X] Subtitle D Airport Safety Demonstration (14 CCR §17258.10)	06/22/92
[X] Septic Ponds Clean-Closure Plan Approval	10/01/93	[X] Notice of Determination - OPR Filing	01/29/93
[X] DEHS Haz-Waste Generator Permit	10/26/94		
[X] Mitigation Monitoring/ Reporting (Compliance) Program	undated	[X] DEHS Haz-Waste Special Handler Permit	10/26/94
[X] NPDES (Stormwater) Permit - Notice of Intent	05/01/94	[X] Preliminary Closure/ Postclosure Maintenance Plans (deemed complete)	09/28/94
[X] USEPA Generator ID CAD982495897	08/08/90	[X] Financial Assurance For Closure, Post-Closure & Corrective Action	09/28/94
[X] Fire Protection District Findings	08/16/93	[X] Subtitle D "Footprint" Documentation	10/09/93
[X] County (DEHS/SWMD) Indemnification Contract	08/15/94	[X] Mojave Desert AQMD Clearance Letter	12/17/93
[X] County Landfill Operating Procedures Manual	06/93	[X] Certificate of Self-Insurance for Operating Liability Claims	12/17/92

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16. Self Monitoring: In addition to self-monitoring programs and the California Environmental Quality Act (CEQA) mitigation monitoring and reporting program described in other documents controlling this facility, the following programs shall be reported to the LEA and others as follows:

Program	Reporting Frequency	Agency Reported To
Summary of daily records (in tons/day) per: solid waste received, liquid septic waste received, salvaged/ recovered materials leaving site (per type); daily visual estimate of recovered materials stored on-site (in weight, volume or count per type).	Quarterly ¹	LEA ²
Summary of motor vehicle counts in vehicles/day per: entering with solid waste, entering with liquid septic waste, leaving with recovered materials.	Quarterly ¹	LEA ²
Summary of public complaints received, regulatory notices received and the operator's responses/ corrective actions taken.	Quarterly ¹	LEA ²
Summary of entries in Log of Special/ Unusual Occurrences and operator's responses/ corrective actions taken.	Quarterly ¹	LEA ²
Summary of record-keeping specified in the Hazardous/ PCB/ Prohibited Waste Screening/ Exclusion Program including: quantities/ types of materials discovered, responses/ corrective actions taken, interim/ final disposition of materials and public education activities.	(per DEHS-Haz-Mat ¹)	LEA, DEHS-Haz-Mat ²
Vector inspection/ control program (as may be specified in the RDSI).	(per SBCVCD ¹)	LEA, San Bernardino County Vector Control District (SBCVCD) ²
Water quality control of contaminants - monitoring, reporting, remediation and related programs including: Waste Discharge Requirements, water SWAT's, Clean-up & Abatement Orders/ Workplans/ Remediation Schedules, NPDES Permits.	(per local CRWQCB ¹)	LEA, local California Regional Water Quality Control Board (CRWQCB) ²
Air quality management of emissions - monitoring, reporting, remediation and related programs including: fugitive dust (PM ₁₀) control, LFG monitoring/ control, air SWAT's, AQMD equipment permits.	(per local AQMD ¹)	LEA, local Air Quality Management District (AQMD) ²
¹ = Reporting due by the 15th of the month following the end of the reporting period, OR else when due as specified by the controlling regulatory authority.)		² = Plus reporting to all other local, state and federal authority with jurisdiction at the facility.)

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17. LEA Conditions:

[NOTE: LEA conditions listed here shall be in addition to conditions of other documents controlling operation of this facility.]

1. The operator shall comply with all State Minimum Standards for Solid Waste Handling and Disposal as specified in Title 14 California Code of Regulations (CCR). The operator shall not operate this facility without possession of all required permits/ regulatory approvals. The operator shall inspect the site at least once each day of operation to ensure compliance with all applicable standards/ conditions/ mitigations/ permits/ regulations.
2. The operator shall comply with all federal, state, and local requirements and enactments including all mitigation and monitoring measures developed in accordance with any certified environmental document filed pursuant to Public Resources Code (PRC) §21081.6, and all administrative/ enforcement orders of all regulatory agencies with jurisdiction at this facility.
3. The operator shall maintain a complete copy of this Solid Waste Facilities Permit (SWFP), of all other required regulatory permits and of all regulatory inspections reports, at the facility or at a location readily accessible to facility personnel, LEA staff and other regulatory personnel.
4. Additional information concerning the design/ operation of this facility shall be furnished upon request to the LEA and other regulatory personnel.
5. The operator shall notify the LEA in writing (with proposed amendments to the Report of Facility Information), at least one hundred fifty (150) days in advance of proposed significant changes (as determined by the LEA), in the design/ operation of the facility to allow for early consultation, completion of all required documents/ due process review/ filing and the completion of all related permitting processes. Such notification shall include changes (including new additions) of: processing/ composting/ baling/ materials recovery facility (MRF)/ transfer station and/or transformation facility, changes in permitted hours/ days of operation, permitted tons/day per category, permitted traffic volumes/day per category, permitted total area, disposal footprint, maximum elevation, maximum depth of waste, and/or estimated closure year, which may be later proposed for this facility. Documentation of adequate borings to confirm the present location of the disposal footprint shall be provided to the LEA within one (1) year of SWFP issuance.
6. This facility is authorized to conduct limited salvaging and to store recovered materials (if such salvaging/ storage is properly described in the RDSI or amendments thereto) for brief periods of time [not to exceed thirty (30) days for any category of material] and only in closable durable containers as specified by the LEA. Such limited salvaging/ storage shall only be conducted as pre-approved by the LEA to preclude the creation of health hazards or public nuisances. The facility shall not to be used as a composting facility, materials recovery facility (MRF), processing facility, transfer station and/or transformation facility. No crushing, grinding, mechanical sorting, composting, or other processing shall occur at the facility location except as the LEA may give prior written approval for brief [less than thirty (30) day] experimental/ pilot project type programs.
7. The LEA reserves the right to suspend and/or modify operations at this facility when deemed necessary due to any emergency, potential health hazard and/or public nuisance.
8. This SWFP is subject to review by the LEA and may be suspended, revoked or modified at any time for sufficient cause.
9. The operator shall maintain at the facility (or at an approved alternative location), accurate daily records of the tonnage/day and number of vehicles/day per: incoming solid waste, outgoing recovered material (per category); and an estimate (by weight, volume or count) of the total amount of recovered material (per category) stored on-site for brief periods of time. Such records shall be readily accessible at the facility to the LEA/ other regulatory personnel. A written summary of such tons/day per category, vehicles/day per category and estimates/day per category, shall be furnished quarterly to the LEA within fifteen (15) days of the end of each quarter.
10. As outlined in Section 16, the operator shall furnish a written summary of all written public complaints (including all regulatory notices such as: Notices of Violation, Notice and Orders, Clean-up & Abatement Orders) concerning the facility received by the operator during a quarter and the operator's responses/ corrective actions taken, to the LEA within fifteen (15) days of the end of each quarter.
11. As outlined in Section 16, the operator shall maintain at the facility, a log of special/unusual occurrences (S/U O). The log shall include, but not be limited to: fires, explosions, discharges of unusual waste, significant incidents of personal injury, accidents and/or property damage. Each log entry shall be accompanied by a summary of the responses/ corrective actions taken by the operator to mitigate any negative impacts of each occurrence. Days without incidents of S/U O shall be noted with an appropriate negative entry for such days such as: "No S/U O today". The operator shall maintain this log at the facility in a manner readily accessible to facility personnel and to the LEA/ other regulatory personnel. A written summary of the log entries during a quarter shall be furnished to the LEA within fifteen (15) days of the end of each quarter.

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17. LEA Conditions (continued):

12. The operator shall maintain an LEA approved hazardous/ PCB/ prohibited waste screening/ exclusion (load-checking) program at the facility which will adequately protect public health and the environment from illegal on-site disposal of hazardous/ PCB/ prohibited wastes. It shall include not less than twenty-one (21) hours per week of on-site load-checking by personnel trained in such activities. Signs, brochures and/or other appropriate communication measures shall be utilized by the operator to direct site users to the nearest Household Hazardous Waste (HHW) collection facility, and inform site users of pending HHW Round-up activities scheduled for communities within the site's waste-shed. A written summary of all program activities/ results during a quarter, shall be furnished to the LEA within fifteen (15) days of the end of each quarter.
13. The operator shall comply with the requirements of all applicable laws pertaining to employee health and safety including maintaining an up-to-date written CAL-OSHA Injury and Illness Prevention Program (IIPP) on-site at a location readily available for review by all facility personnel, by the LEA staff and all other regulatory personnel. The IIPP shall include a comprehensive training plan, availability of all necessary on-site work/ protection/ safety equipment, and adequate on-site first aid supplies. All personnel at the facility shall have immediate radio and/or telephone access to a 911 emergency dispatcher.
14. The operator shall maintain an adequate vector monitoring/ control program with updates per the San Bernardino County Vector Control District (SBCVCD).
15. The operator shall comply with all Waste Discharge Requirements, Clean-Up & Abatement Orders, monitoring, remediation schedules and related requirements of the local California Regional Water Quality Control Board (CRWQCB). The operator shall provide in the operating record and to the LEA, a CRWQCB approved unsaturated zone monitoring program and approved statistical analysis of SWAT groundwater samples. Degradation of waters connected to this site shall be promptly remediated in the manner specified the CRWQCB. Use of the present unlined septage disposal ponds shall cease not later than the opening of CRWQCB approved lined impoundments at the Landers Solid Waste Disposal Facility.
16. The operator shall submit information to the LEA indicating compliance with all rules of the local Air Quality Management District (AQMD) including: fugitive dust (PM₁₀ control, landfill gas (LFG) monitoring/ control, air SWAT compliance and AQMD equipment permits. The operator shall take every reasonable precaution to control fugitive dust emissions including the use of water and approved dust palliatives. The operator shall annually assess the need for and implement adequate LFG monitoring/ venting/ collection/ programs, as may be required by federal, state [14 CCR §17258.23(a)&(b)], regional and/or local air quality management standards/ rules. All required AQMD permits shall be obtained/ retained. The operator shall properly maintain all facility equipment and structures according to the manufacturers' specifications and good engineering/ maintenance practices.
17. The operator shall use all reasonable measures to avoid "takings" of threatened, endangered, rare and/or sensitive species, including use of tortoise-proof fencing and authorized raven monitoring/ control measures in accordance with all measures, remediation and compensations incorporated into any Cooperative Agreement (CA) with the U. S. Department of Interior - Bureau of Land Management (BLM), U. S. Fish and Wildlife Service (USF&WS) and/or the California Department of Fish & Game (CDF&G).
18. At all times, there shall be adequate portable litter-control fencing and litter picking personnel to preclude litter from blowing and accumulating off-site.
19. At all times the site perimeter (including any expansion areas) shall be provided with adequate security gates and fencing in good repair, (or with equivalent effective barriers). Any raven control/ exclusion devices, as may be prescribed by BLM, USF&WS and/or CDF&G shall be provided.
20. A qualified geotechnical consultant shall prepare a stability analysis of the site if a slope ratio steeper than three-to-one (3:1) will be utilized at any portion of the site. Any measures required in the geotechnical study to ensure that the landfill does not cause a threat to life or property shall be implemented. The study shall include an engineering analysis that identifies construction requirements designed to withstand the maximum probable earthquake or maximum credible earthquake pursuant to Title 23 CCR Chapter 15. The study shall be reviewed and approved by the LEA and the CIWMB prior to its implementation.
21. Waste and cover material shall be spread and compacted utilizing methods to maximize compaction and to decrease the attraction of animals, birds and vectors to the site. Personnel shall not secure the site each day until the operator's inspection confirms that at least six (6) inches of compacted cover has been deposited over all waste and sufficient to prevent such attraction. On-site and off-site litter shall not be allowed to accumulate, so as to create such an attraction.
22. Alternatives to soil covers shall be reviewed and approved by the LEA prior to their implementation.

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17. LEA Conditions (continued):

23. The operator shall take immediate and independent action to prevent and suppress fires on the project area and shall require employees to do likewise. The facility shall be maintained with a clearance of flammable material for a minimum distance of one hundred fifty (150) feet from the periphery of any exposed flammable solid waste, or additional minimum flammable clearance provisions determined by the local fire protection agency (pursuant to PRC §4373).
24. The operator shall properly equip and maintain noise attenuation and spark arrestor devices (such as mufflers) on all combustion engines utilized at this facility. All equipment components shall be maintained in good mechanical condition and properly operated to prevent excessive noise levels and circumstances capable of starting accidental fires.
25. Where residential receptors are present, adequate noise attenuation buffers shall be installed to reduce noise levels to a sixty (60) dB-(A scale) threshold at any point off-site at a distance of one hundred (100) feet from the facility boundary, or if any noise levels are deemed to exceed the prescribed threshold limits for sensitive noise receptors, pursuant to the San Bernardino County (SBCo) General Plan, the SBCo Code, Development Code and Guidelines.
26. The operator shall prepare and implement a comprehensive site surface drainage and erosion control plan for the facility. The plan shall prevent significant erosion and siltation impacts both on-site and downstream of the site. The plan shall promote positive sheet-flow run-off from all deck areas and side-slopes to perimeter channels with no significant erosion. The plan shall provide adequate sedimentation basins to prevent downstream siltation/ deposition, shall provide emergency remedial measures for sudden/ great storm events, and shall include an implementation schedule. The plan shall ensure no significant negative off-site impacts occur. A copy of the plan approved under the direction and signature of a California Registered Civil Engineer shall be furnished to the LEA within one (1) year of SWFP issuance.
27. A qualified landscape architect or botanist shall prepare and implement a revegetation/ landscape plan for the site within one (1) year of SWFP issuance. The plan shall provide for an effective vegetative cover with native drought-tolerant vegetation on disturbed surfaces in those portions of the site where disposal activities have ceased. An effective vegetation cover shall be fifty (50) percent coverage of the revegetated areas without permanent irrigation after a five (5) year period.
28. The operator shall provide final cover over all areas in accordance with the final grading plan and commence revegetation in accordance with the approved revegetation plan. Where and when final elevation has been attained or a discrete segregated area of the site can no longer receive waste, final cover shall also be provided.
29. A qualified person shall conduct a field survey prior to excavation or grading of undisturbed portions of the site, to identify areas that may contain potential resources. If no areas are identified, a report of the field survey shall be prepared and submitted to the San Bernardino County Museum Archaeological Information Center for review and approval. A copy of the report shall also be submitted to the County Planning Department Environmental Team, for review and approval. If the field survey indicates areas of potential resource, excavation shall be monitored by a qualified archaeologist. If no specimens are found in the excavation, a report of such shall be prepared and submitted as directed by the MMR(C)P. Where specimens are found, they shall be properly prepared for identification and curation into an established museum repository with an approved report of findings with appended itemized inventory of specimens as directed by the MMR(C)P. The LEA shall be included in all correspondence and transmittal of reports.
30. The operator shall obtain/ maintain all necessary easement agreements with plot plans accurately showing the location of all utilities crossing the site. Buried utility lines shall also be appropriately noticed on the surface with prominent signs to discourage the accidental rupture of underground lines by facility activities. Copies of such agreements/ plot plans shall be provided to the LEA in a timely manner.
31. All site entry signs shall prominently display all required regulatory information.
32. Any required regulatory review/ permits/ certification for groundwater wells, treatment facilities, and/or use of treated waters for on-site dust-suppression spraying, shall be obtained prior to the installation/ use of such.
33. Appropriate documents shall be provided to the LEA on requirements for (or exemption from) installation of any required landfill gas collection system (pursuant to RCRA Subtitle D requirements incorporated into Title 14 and Title 23 CCR).
34. In consultation with the Bureau of Land Management (BLM), U.S. Fish and Wildlife Service (USF&WS), California Department of Fish and Game (CDF&G), the operator shall have a qualified biologist implement a raven monitoring program and develop appropriate measures to reduce/ eliminate use of the disposal site as raven habitat. The program shall be submitted to the LEA within one (1) year of SWFP issuance.
35. Any alternate daily cover demonstration proposed to the LEA/CIWMB shall include appropriate consultation with the local California Regional Water Quality Control Board (CRWQCB) to ensure that any such proposal is consistent with that CRWQCB's goals, objectives, WDRs, applicable Cleanup and Abatement Orders and related CRWQCB issues.